

## 6. Interconnect

*Table G: Interconnect*

<b>1</b>	<b>Grounding</b>
1a	S-1 Ground Grid Inspection
1b	Ground Grid Resistivity Test Results
<b>2</b>	<b>Conduit</b>
2a	S-2 Conduit Inspection
2b	S-4 Cable Trenwa Inspection
<b>3</b>	<b>Foundation Documents</b>
3a	S-3 Foundation Inspection
3b	Third Party Subgrade Compaction Test Results
3c	Reinforcing Steel Mill Certificates
3d	Anchor Bolts Mill Certificates
3e	Embedment Ring Mill Certificates
3f	Concrete Tickets
3g	Third Party Concrete Break Test Results
<b>4</b>	<b>Equipment</b>
4a	S-5 Equipment Receiving Inspection
4b	S-6 Equipment Inspection
<b>5</b>	<b>Structures</b>
5a	S-7 Structure Inspection
5b	Steel Mill Certificates
<b>6</b>	<b>Overhead Bus</b>
6a	S-8 Overhead Bus Inspection
6b	Aluminum Bus Welding Certificates
6c	Manufacturer Certified Test Report
<b>7</b>	<b>Control Building</b>
7a	S-9 Control Building Inspection
<b>8</b>	<b>Substation Yard</b>
8a	S-10 Substation Yard Inspection

## 6. Interconnect

(continued)

*Table G: Interconnect (continued)*

<b>9</b>	<b>Field Test Results</b>
9a	SF6 Gas Sample Test Results
9b	Step Voltage Test Results - Circuit Integrity Testing
9c	34.5 kV Breaker Test Results
9d	34.5 kV Switch Test Results
9e	HV Breaker Test Results
9f	HV Switch Test Results
9g	HV Metering Test Results
9h	Control Building Battery Test Results
9i	Main Power Transformer Test Results
9j	Protective Relay Test Results
9k	Energization Test Results
9l	Medium Voltage Cable Field Test Reports
9m	Fiber Optic Field Test Reports
	<b>Appendix A: Material and Equipment</b>
	Equipment Specifications & Information
	Manufacturer Certified Test Report
	Equipment Instruction Manuals
	Equipment Warranty Information
	Material Product Data
	Design Drawings

## 7. Transmission Line Book

*Table H: Transmission Line Book*

TL-1	Structure Inspection (Direct Embed)
TL-2	Structure Inspection (Concrete Foundation)
TL-3	Structure Guying Inspection
TL-4	Transmission Line Inspection
TL-5	Misc. Equipment Receiving Inspection
App A	Transmission Line Test Reports

## 8. O&M Book

*Table I: O&M Book*

OM-1	Critical Plan Approval Check List
OM-2	Third Party Inspection and Testing
OM-3	Footing and Column Pad Inspection
OM-4	Foundation Walls Inspection
OM-5	Backfill Inspection
OM-6	Plumbing Inspection
OM-7	Slab on Grade Inspection
OM-8	Structural Inspection
OM-9	Architectural Inspection
OM-10	Mechanical & Electrical Inspection

### Inspection and Test Plan: Civil Inspections

The “Inspections and Test Plan” section provides an example of a full inspection and test plan for “Civil Construction Block” in the form of job books. A similarly detailed inspection and test plan exists for each section of the form of job books.

#### 1. Civil Inspections

C-1	Construction Period Road Inspection
C-2a	Initial Drainage Structure Inspection
C-2b	Final Drainage Structure Inspection
C-3	Crane Pad Inspection
C-4	Drain Tile Repair Inspection
C-5	Seeding Inspection
C-6	WTG Site and Road Restoration Inspection
C-7	Intersection Modification
C-8	Approach/Temporary Radius
C-9	Intersection Modification Restoration
C-10	Yard Subgrade and Gravel Placement